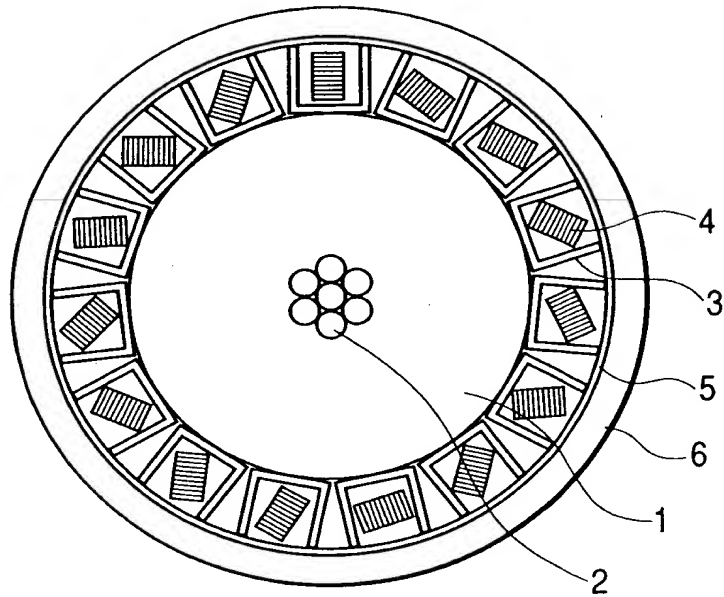
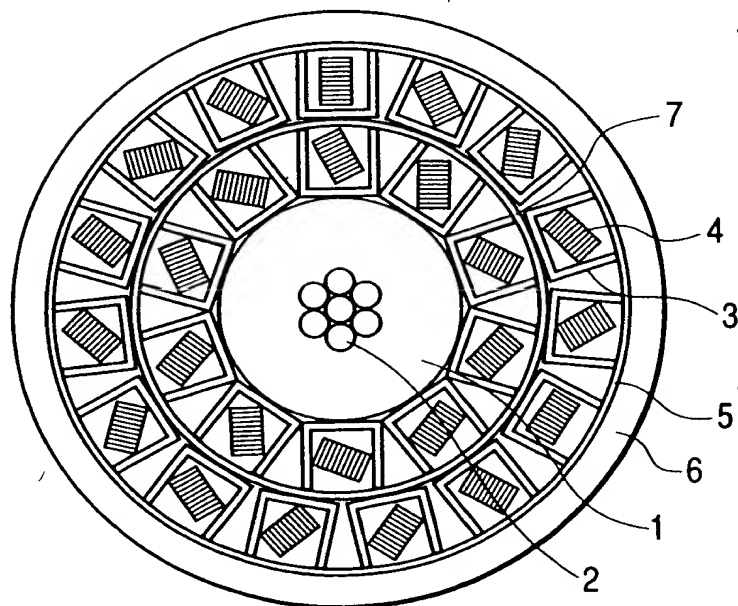


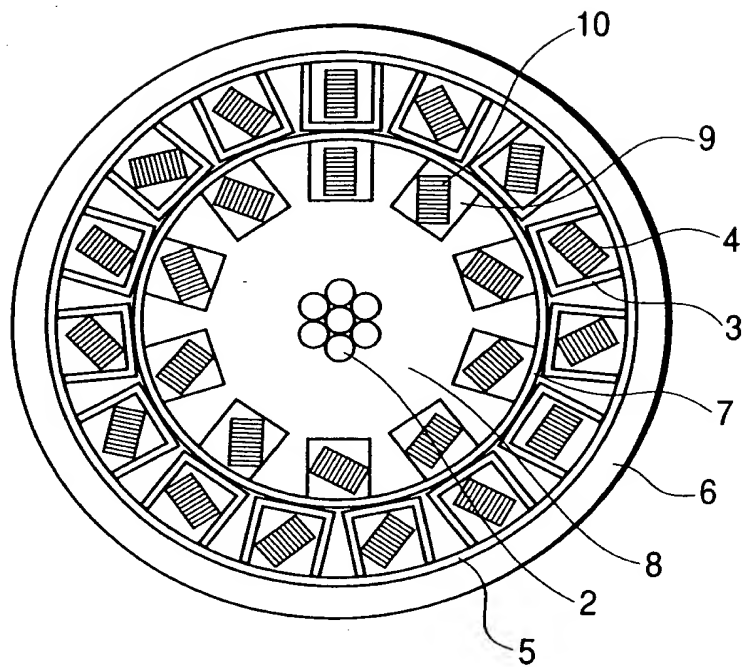
*FIG. 1*



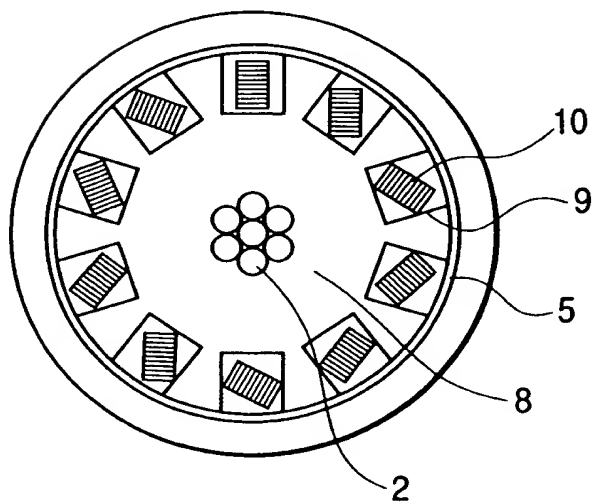
*FIG. 2*



*FIG. 3*



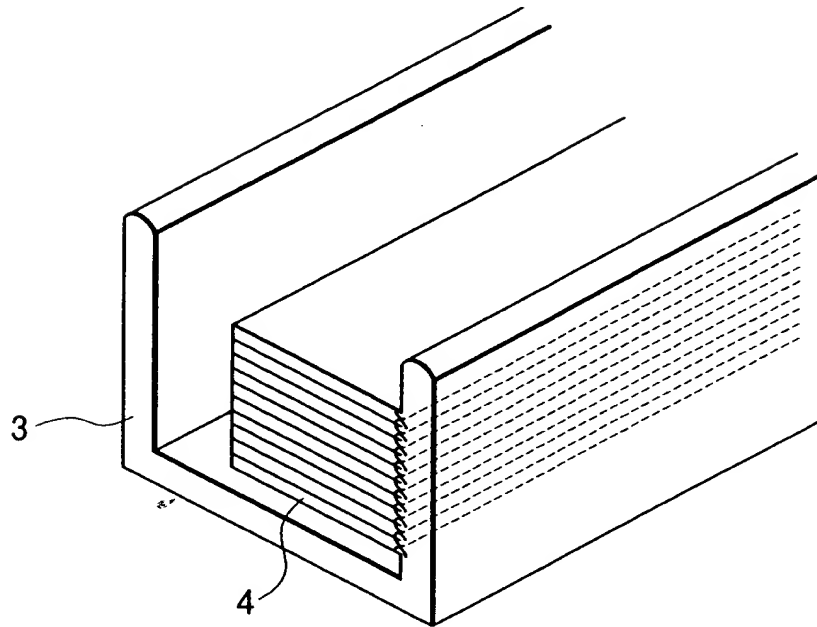
*FIG. 4*





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**FIG. 5A**



**FIG. 5B**

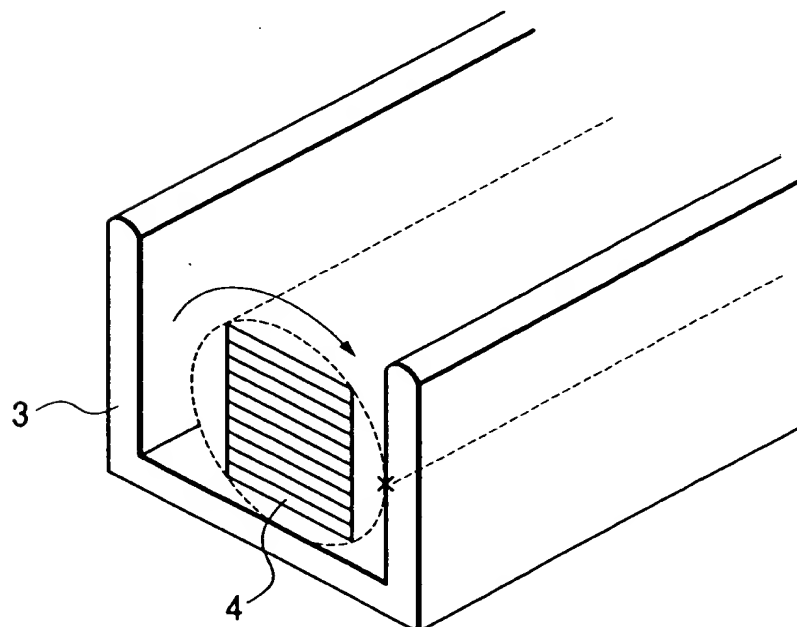




FIG. 6

CABLE	ONE-GROOVE SPACER		MAXIMUM TRANSMISSION LOSS			
			TWISTING PITCH LENGTH OF OPTICAL FIBER RIBBONS (mm)			
	TWISTING DIRECTION	PITCH LENGTH (mm)	1000	700	600	400
FIRST EMBODIMENT	S TWISTING	700	0.28	0.24		0.23
	SZ TWISTING	700	0.26	0.25	0.22	0.21
SECOND EMBODIMENT	S TWISTING	INNER LAYER 700	0.27	0.23		0.22
	SZ TWISTING	OUTER LAYER 700	0.28	0.24		0.23
	S TWISTING	INNER LAYER 700	0.25	0.25	0.21	0.21
	SZ TWISTING	OUTER LAYER 700	0.26	0.25	0.22	0.21
THIRD EMBODIMENT	S TWISTING	700	0.28	0.24		0.23
	SZ TWISTING	700	0.26	0.25	0.22	0.21

FIG. 7 (Prior Art)

